

Additional file 1

Table S1 Primer sequences of target genes (rats)

Genes	Primer sequence (5'-3')	Product size (bp)	GeneBank No.	Accession
β-actin	For: ACGGTCAGGTCACTACATCG Rev: GGCATAGAGGTCTTACGGATG	155	NM_031144	
iNOS	For: CCAACCTGCAGGTCTCGATG Rev: GTCGATGCACAACGGGTGAAC	258	NM_012611	
Arg1	For: CCAAGCCAAAGCCCATAGAG Rev: TCCTCGAGGCTGTCCCTTAG	59	NM_017134	
CD163	For: TGTAGTTCATCATCTTCGGTCC Rev: CACCTACCAAGCGGAGTTGAC	98	NM_001107887	
CD206	For: ACTGCGTGGTGATGAAAGG Rev: TAACCCAGTGGTTGCTCACA	68	NM_001106123	
MCP-1	For: CGTGCTGTCTCAGCCAGAT Rev: GGATCATCTGCCAGTGAAATG	71	NM_031530	
TNF-α	For: ATGGGCTCCCTCTCATCAGTTC Rev: CTCCTCCGCTTGGTGGTTG	113	NM_012675	
IL-1β	For: TACCTATGTCTGCCGTGGAG Rev: ATCATCCCACGAGTCACAGAGG	101	NM_031512	
IL-10	For: ATGGCCCAGAAATCAAGGAGC Rev: GAAGATGTCAAACCTATTGAGCC	191	NM_012854	

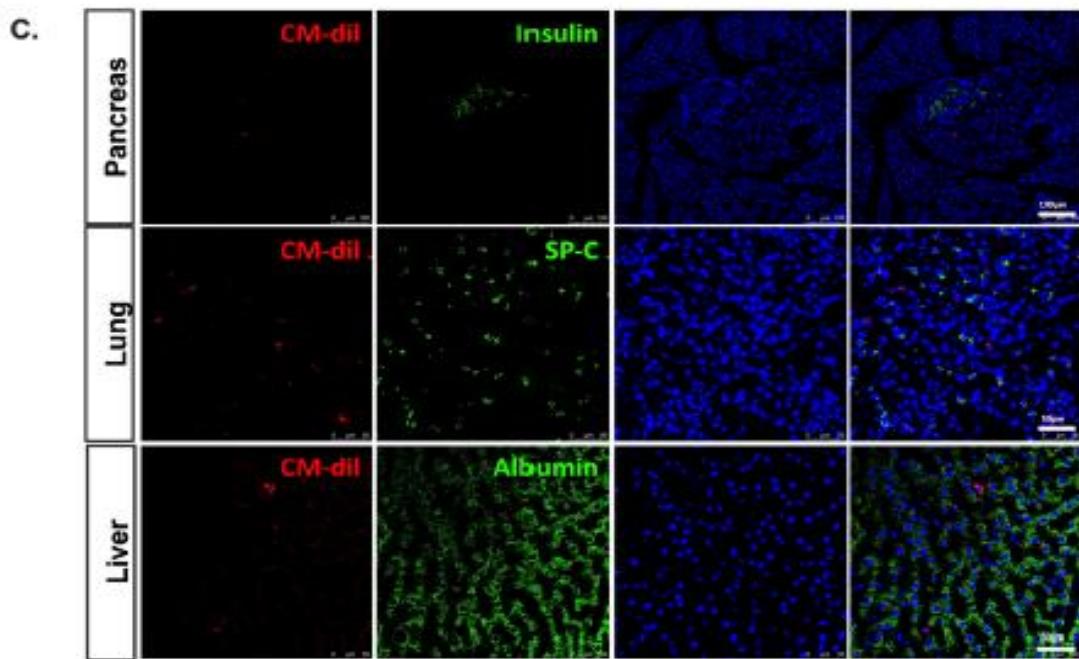
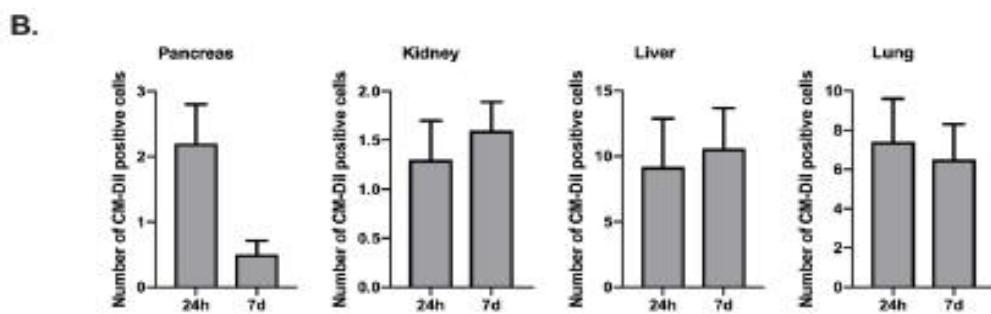
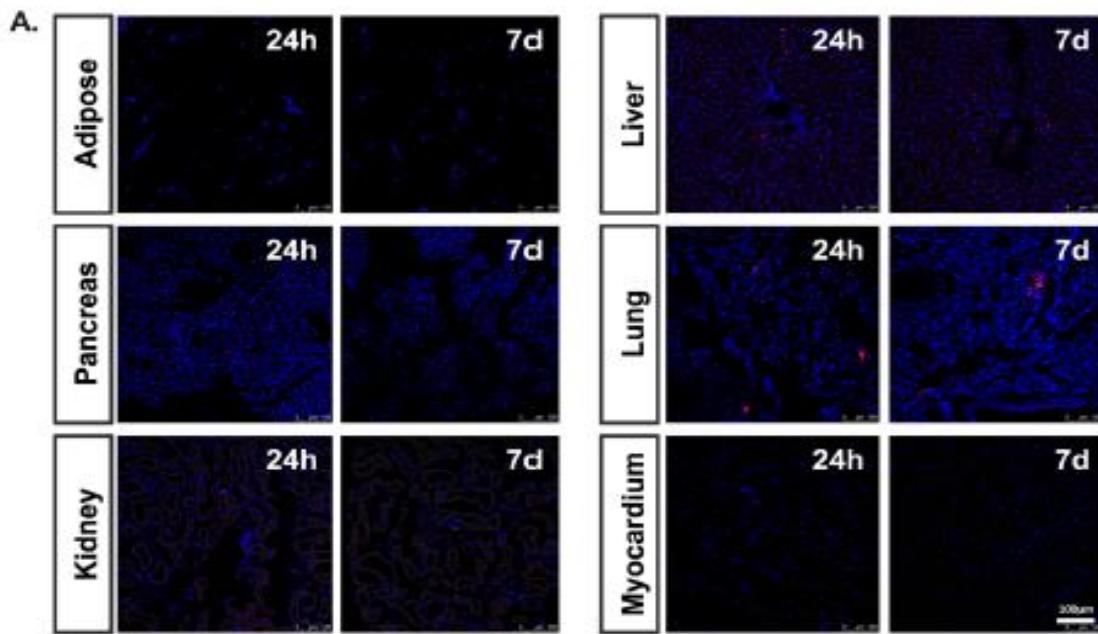


Fig. S1. ADSCs' homing efficiency in different tissues of long-term T2DM complications rats. ADSCs were CM-Dil (red) labelled in advance. After the infusion, T2DM rats were sacrificed at 24 h and 7 d. **a,b** Detection and quantification of ADSCs in adipose, pancreas, kidney, liver, lung, myocardium of long-term T2DM rats after transplantation; bars= 100 μ m. **c** The presence and distribution of CM-Dil (red) with insulin (green), SP-C (green) and albumin (green) were evaluated separately; bars= 100, 50, 50 μ m.

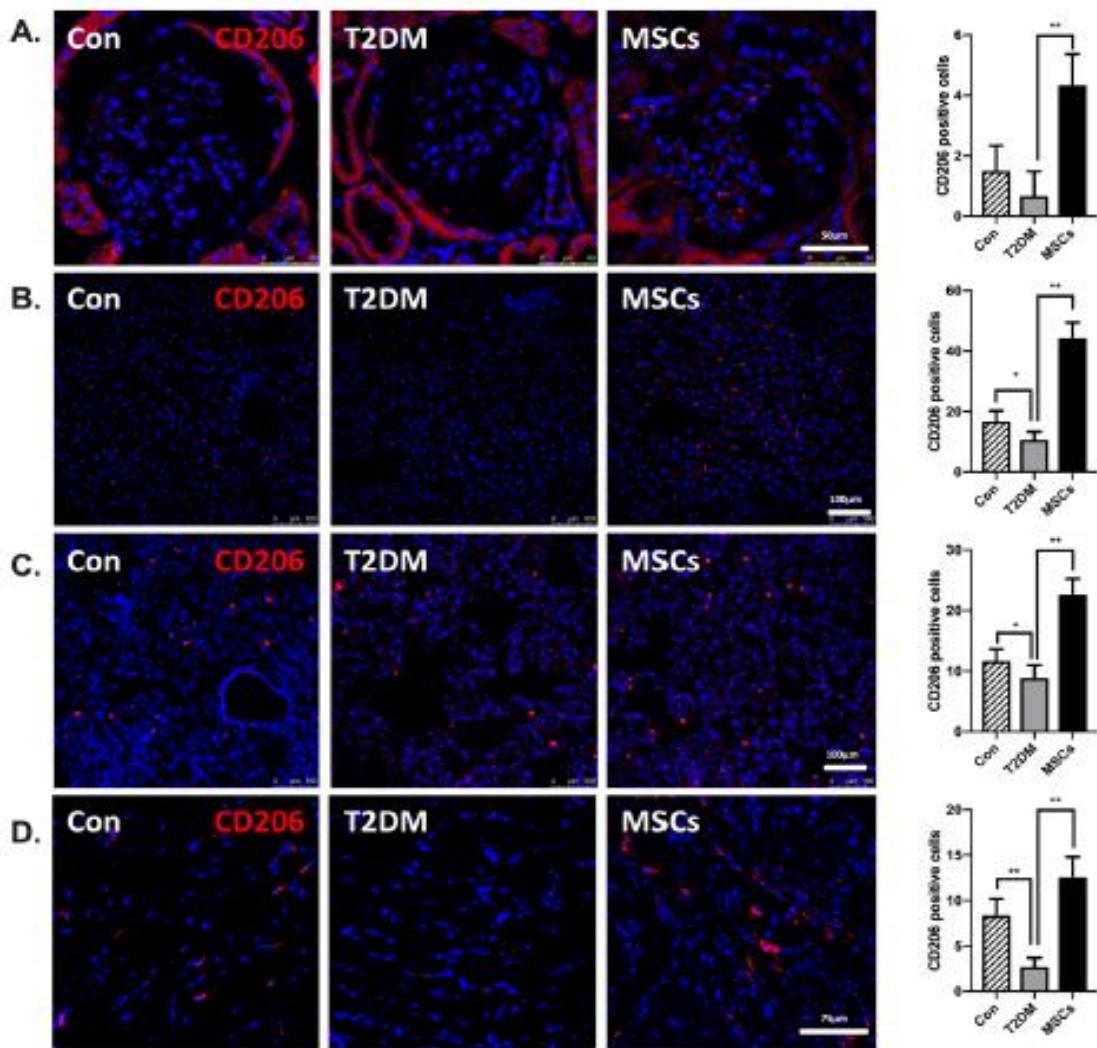


Fig. S2. Representative of CD206 positive cells in kidney tissue by immunofluorescence; bars= 50 μ m. **b** Representative of CD206-positive cells in liver tissue by immunofluorescence; bars= 100 μ m. **c** Representative of CD206-positive cells in lung tissue by immunofluorescence; bars= 100 μ m. **d** Representative of CD206-positive cells in myocardium by immunofluorescence; bars= 75 μ m. N=6 rats per group, *, p<0.05; **, p<0.01.